



Ground System System Design Review

August 18-19, 2004



Introduction

GS SDR Section 1

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GLAST Ground System/Operations Manager



Goals of the Ground System SDR

The scope of the SDR is similar to a CDR. The ground system design is at CDR-level of maturity. This review describes plans and schedules for implementing, testing, and managing the GLAST ground system. Note: Critical Design Peer Reviews have been held for all participating ground system elements prior to the SDR.

- ▶ ***Present the major ground system requirements/drivers***
- ▶ ***Present each element's design based upon the DDPR***
- ▶ ***Identify any open items, issues and external dependencies***
- ▶ ***Provide preliminary insight into plans for achieving operations readiness***
- ▶ ***Obtain independent feedback and validation of the ground system design and operations plans from the Review Panel***
- ▶ ***Incorporate feedback from this review into the final development plans/design prior to full implementation***



Agenda: Day One



Time	Min	Topic	Presenter
		18-August-04	
08:30	5	Welcome/Purpose of Review/Agenda	Lehtonen
08:35	5	Board Introductions/RFA Process	Menrad
08:40	5	Project Overview	Grady
08:45	10	GLAST Science Overview	McEnery
08:55	10	GLAST Observatory Overview	Rioux
09:05	35	Ground System Overview	Lehtonen
09:40	30	GLAST Data Management	Cox/Canevari
10:10	10	BREAK	ALL
10:20	30	Space Network (SN) Services	Cox
10:50	30	Universal Space Network (USN) Services	Cox
11:20	30	Networks/Security	Cox
11:50	60	LUNCH	
12:50	45	GFEP (GLAST Front End Processor)	Cox
13:35	45	Mission Operations Center (MOC): Part 1	Spiegel
14:20	10	BREAK	ALL
14:30	45	Mission Operations Center (MOC): Part 2	Spiegel, et.al.
15:15	45	Flight Dynamics	Woodard
16:00	15	RFA Capture and ADJOURN	Board
16:15			



Agenda: Day Two



Time	Min	Topic	Presenter
		19-August-04	
08:30	5	Introduction	Lehtonen
08:35	105	GSSC/HEASARC/GCN	Corbet/Davis/Stephens/Band
10:20	10	BREAK	ALL
10:30	90	LAT ISOC: Operations and Science	Craig/Martin/Bator/Culp
12:00	60	LUNCH	ALL
13:00	80	GBM IOC	Paciesas/Preece
14:20	30	Ground System Testing	Canevari
14:50	10	BREAK	ALL
15:00	45	Mission Operations	Nagy
15:45	5	Road to MOR	Lehtonen
15:50	30	Wrapup; Board Caucus; Summary of Findings	Board
16:20		ADJOURN	ALL